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CENTRAL INTELLIGENCE AGENCY

INFORMATION REPORT  
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REPORT NO.  
CD NO.  
CD NO.151  
25X1A

COUNTRY East Germany  
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 SUBJECT Development of an Impulse Magnetron at the  
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1. The Werk fuer Fernmeldewesen HF, Berlin-Oberschoeneweide, has completed the development of an impulse magnetron. The data for the construction of the magnetron has not yet been established. The construction of the magnetron is in progress.

2. The following are the specifications of the magnetron:

Wave range: 3 centimeters  
 Maximum impulse power: 5 kilowatts  
 Maximum impulse duration: 1 micro second  
 Maximum key frequency: 1,000 Hz  
 Operating voltage: 8 to 9 kiloVolts

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